



PTO/SB/08B (08-03)

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/791,166
		Filing Date	March 1, 2004
		First Named Inventor	Charo, Israel F.
		Art Unit	Not Yet Assigned 1647
		Examiner Name	Not Yet Assigned NICHOLS
Sheet 1 of 3	Attorney Docket Number	02307K-085041US	

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CJW	AA	US-5,413,778	05-09-1995	Kunkel et al.	
	AB	US-5,460,955	10-24-1995	Mosher et al.	
	AC	US-5,547,854	08-20-1998	Donahoe et al.	
	AD	US-5,776,729	07-07-1998	Soppel et al.	
	AE	US-6,084,075	07-04-2000	Lind et al.	
	AF	US-6,312,689	11-06-2001	LaRosa	
	AG	US 2002/0038469	03-28-2002	Dean et al.	
	AH	US-6,403,767	06-11-2002	Graham et al.	
	AI	US-2002/0150877	10-17-2002	Augustus	
	AJ	US-2003/0113798	06-19-2003	Burmer et al.	
	AK	US-2003/0186889	10-02-2003	Forssmann et al.	
	AL	US 6,730,301 B1	05-04-2004	Charo et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)			
CJW	AM	WO	94/07542	04-1994		
NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
CJW	AN	AUSUBEL, F.M. "Current Protocols in Molecular Biology", 1994, Wiley & Sons, New York Vol. 1, pp. 6.11.11-6.11.16				
	AO	BORK, et al.; "Go hunting in sequence databases but watch out for the traps"; 1996, <u>Trends in Genetics</u> , Vol 12, pp.425-427.				
	AP	BORK,; "Powers and Pitfalls in Sequence Analysis: The 70% Hurdle"; 2000, <u>Genome Research</u> , Vol.10, pp.398-400.				
	AQ	BRENNER, ; "Errors in genome annotation"; 1999, <u>Trends in Genetics</u> Vol.15, pp.132-133.				
	AR	CHARO, I.F., et al, "Molecular cloning and functional expression of two monocyte chemoattractant protein 1 receptors reveals alternative splicing of the carboxyl-terminal tails."; 1994, <u>Proc. Natl. Acad. Sci. U.S.A.</u> , Vol. 91, pp. 2752-2756.				
	AS	CUSHING, et al. "Minimally modified low density lipoprotein induces monocyte chemotactic protein 1 in human endothelial cells and smooth muscle cells"; 1990, <u>Proc. Natl. Acad. Sci.</u> , Vol. 87, pp.5134-5138.				
CJW	AT	DOERKS, et al.; "Protein annotation: detective work for function prediction"; 1998, <u>Trends in Genetics</u> , Vol. 14, pp.248-250.				

Examiner Signature		Date Considered	2/8/05
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08B (08-03)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/791,166
		Filing Date	March 1, 2004
		First Named Inventor	Charo, Israel F.
		Art Unit	Not Yet Assigned 1647
		Examiner Name	Not Yet Assigned NICHOLS
Sheet 2 of 3	Attorney Docket Number	02307K-085041US	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
ESD	AU	EDGINGTON, S.M., "Chemokines In Cardiovascular Disease";1993, <u>Bio/Technology</u> Vol. 11, pp.676-681.						
	AV	FAGGIOTTO, et al. "Studies of Hypercholesterolemia in the Nonhuman Primate-I. Changes that Lead to Fatty Streak Formation";1984, <u>Arteriosclerosis</u> Vol. 4, No. 4, pp. 323-340.						
	AW	FURUTANI, et al., "Cloning and sequencing of the cDNA for human monocyte chemotactic and activating factor (MCAF)";1989, <u>Biochemical and Biophysical Research Communications</u> Vol. 159, No. 1, pp.249-255.						
	AX	GAO, et al., "Structure and functional expression of the human macrophage inflammatory protein 1.alpha./RANTES receptor";1993, <u>The Journal of Experimental Medicine</u> Vol. 177, pp.1421-1427.						
	AY	GEARING, David P. et al. "Expression cloning of a receptor for human granulocyte-macrophage colony-stimulating factor";1989, <u>Science</u> , Vol. 8, No. 12, pp. 3667-3676.						
	AZ	HEMMERICH, et al., "Identification of Residues in the Monocyte Chemotactic Protein-1 That Contact the MCP-1 Receptor, CCR2."; 1999, <u>Biochemistry</u> , Vol. 38, pp.13013-13025.						
	BA	HOLMES, et al. "Structure and functional expression of a human interleukin-8 receptor"; 1991, <u>Science</u> Vol. 253, pp.1278-1280.						
	BB	HUANG, et al., "Absence of Monocyte Chemoattractant Protein 1 in Mice Leads to Decreased Local Macrophag Recruitment and Antigen-Specific T Helper Cell Type"; 2001, <u>J. Exp. Med.</u> Vol.193, No. 6., pp. 713-725.						
	BC	JOBLING et al.; "Analysis of structure and function of the B subunit of cholera toxin by the use of site-directed mutagenesis";1991, <u>Mol. Microbiol.</u> , Vol. 5, No. 7, pp.1755-1767.						
	BD	JONES et al., "Potential Role of Monocyte Chemoattractant Protein 1/IE in Monocyte/Macrophage-Dependent IgA Immune Complex Alveolitis in the Rat";1992, <u>The Journal of Immunology</u> Vol. 149, pp. 2147-2154.						
	BE	KOCH et al., "Enhanced production of monocyte chemoattractant protein-1 in rheumatoid arthritis"; 1992, <u>The Journal of Clinical Investigation, Inc.</u> , Vol. 90, pp.772-779.						
	BF	MACK, et al.; "Expression and Characterization of the Chemokine Receptors CCR2 and CCR5 in Mice."; 2001, <u>Journal of Immunology</u> , Vol. 166, pp. 4697-4704.						
	BG	MAUS, et al.; "The Role of CC Chemokine Receptor 2 in Alveolar Monocyte and Neutrophil Immigration in Intact Mice."; 2002, <u>Am. J. Crit. Care Med.</u> Vol.166, No. 3, pp. 268-273.						
	BH	MURPHY, P.M. et al., "Cloning of complementary DNA encoding a functional human interleukin-8 receptor";1991, <u>Science</u> Vol. 253, pp.1280-1283.						
	BI	NELKEN et al., "Monocyte chemoattractant protein-1 in human atheromatous plaques"; 1991, <u>J. Clin. Invest.</u> Vol. 88 pp.1121-1127.						
CD	BJ	NEOTE, et al., "Molecular cloning, functional expression, and signaling characteristics of a C-C Chemokine Receptor";1993, <u>Cell</u> Vol. 72, pp.415-425.						

Examiner Signature		Date Considered	2/8/04
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered/Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/791,166
		Filing Date	March 1, 2004
		First Named Inventor	Charo, Israel F.
		Art Unit	Not Yet Assigned 1647
		Examiner Name	Not Yet Assigned NICHOLS
Sheet 03	of 03	Attorney Docket Number	02307K-085041US

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
ES	BK					NGO, et al.; "The Protein Folding Problem and Tertiary Structure Prediction", 1994, pp. 492-495.		
	BL					OPPENHEIM, et al., "Properties of Genes and Gene Products of the intercrine family"; 1991, <u>Annual Review of Immunology</u> Vol. 9, pp. 620-648.		
	BM					REECK, et al.; "Homology in Proteins and Nucleic Acids: A Terminology Muddle and a Way out of It,"; 1987, <u>Cell</u> , Vol. 50, pp.667.		
	BN					ROLLINS, B.J. et al.; "Suppression of tumor formation in vivo by expression of the JE gene in malignant cells"; 1991, <u>Molecular and Cellular Biology</u> Vol. 11, No. 6, pp.3125-3131.		
	BO					SKOLNICK, et al.; "From genes to protein structure and function: novel applications of computational approaches in the genomic era"; 2000, <u>Trends in Biotech.</u> Vol. 18, No. 1, pp. 34-39.		
	BP					SMITH, et al.; "The challenges of genome sequence annotation or "The devil is in the details""; 1997, <u>Nature Biotechnology</u> Vol. 15, pp.1222-1223.		
	BQ					VAN RIPER et al.; "Characterization and Species Distribution of High Affinity GTP-coupled Receptors for Human Rantes and Monocyte Chemoattractant Protein 1"; 1993, <u>J. Exp. Med.</u> Vol.177, pp.851-856.		
	BR					WALTER, et al.; "Macrophage Infiltration and Growth of Sarcoma Clones Expressing Different Amounts of Monocyte Chemotactic Protein/JE"; 1991, <u>Int. J. Cancer</u> Vol. 49, pp.431-435.		
	BS					WANG, et al.; "Identification of RANTES Receptors on Human Monocytic Cells: Competition for Binding and Desensitization by Homologous Chemotactic Cytokines"; 1993, <u>The Journal of Experimental Medicine</u> Vol. 177, pp.699-705.		
	BT					WATSON, S. et al.; "The G-Protein Linked Receptor-Facts Book"; 1994, London, Academic Press, Introduction, pp. 2-6.		
	BU					WELLS, James A.; "Additivity of Mutational Effects in Proteins"; 1990, <u>Biochemistry</u> Vol 29, No. 37, pp. 8509-8517.		
	BV					WOLPE, S.D. et al.; "Macrophage inflammatory proteins 1 and 2: members of a novel superfamily of cytokines"; 1989, <u>The FASEB Journal</u> Vol. 3, pp.2565-2573.		
	BW					YAMAGAMI, S. et al.; "cDNA cloning and functional expression of a human monocyte chemoattractant protein 1 receptor,"; 1994, <u>Biochem. Biophys. Res. Com.</u> , Vol. 202, No. 2 pp. 1156-1162.		
	BX					YLA-HERTTUALA, et al.; "Expression of monocyte chemoattractant protein 1 in macrophage-rich areas of human and rabbit atherosclerotic lesions"; 1991, <u>Proc. Natl. Acad. Sci.</u> Vol. 88, pp. 5252-5256.		
	BY					YOSHIMURA, Teizo et al.; "Identification of High Affinity Receptors for Human Monocyte Chemoattractant Protein-1 on Human Monocytes"; 1990, <u>J. Immunology</u> Vol.145, pp.292-297.		
	BZ					YOSHIMURA, et al.; "Purification and amino acid analysis of two human glioma-derived monocyte chemoattractants"; 1989, <u>The Journal of Experimental Medicine</u> , Vol.169, pp.1449-1459.		

Examiner Signature	<i>Mike S</i>	Date Considered	7/8/05
-----------------------	---------------	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.